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<u>Initials</u>		4,909,852	3/90	Atkinson		106	448			大大
<u>(.)</u>			1/94	Lin et al.		106	20R	- 4/ 2/	,	- ()
		5,281,261	5/95	Ma et al.		524	520	7	<i>₹0111</i>	
		5,418,277	8/96	Keoshkeria	ın et al.	430	137			
		5,545,504	9/96	Belmont		534	885		<u> </u>	
		5,554,739	11/96	Belmont et	- a1	106	20		<u>U() </u>	
		5,571,311		Belmont et		106	31.7	5		
		5,630,868	5/97	Adams et a		106	316			
	<u> </u>	5,698,016	12/97	Belmont e		106	31.6			
		5,713,988	2/98	Keoshkeri		347	95			
		5,714,993	2/98	Johnson et		106	31.8	5		
		5,837,045	11/98	Belmont e		106	472			
		5,851,280	12/98			106	316			
1/		5,885,335	3/99	Adams et	41			TO A THONE		
	PODEICN	PATENTS, DOCU	MENTS	OR PUBLIS	HED FOREIG	IN PATE	NT APPI	ACATIONS		
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		0 677 556 A2		0/95	EPO V		C09D	11/02		\boxtimes
		0 688 836 A2		2/95	PCT V		C09D	11/00		\square
		WO97/47697		2/97	EPO V		C09D	11/00		\boxtimes
		0 839 883 A2		5/98			C09B	67/54		\boxtimes
		2 330 842		5/99	GB V		C09C	1/56		\boxtimes
	V	WO99/23174		5/99	PCT		C08K	9/04		
		WO99/31175		6/99	PCT V		C09C	1/56		\square
		WO99/38921		8/99	PCT V		C09B	69/00		\boxtimes
		WO99/51690		10/99	PCT ✓		C09C	1/56		\boxtimes
	V	WO99/63007		12/99	PCT					
	<u>~</u>	OTHER DOCUM	NTC A	cluding Autho	or, Title, Date,	Pertinen	t Pages, E	tc.)		
		OTHER DOCUME	M 19 (11)			1 136	7 2001	./		
- 0		International Se	arch Rep	ort for PCT/US	301/00380, mai	led May	7, 2001.	<u> </u>		
C.S.								1000		
		JP11246806 A	to Toyo	nk Mfg. Co. L	td. Publication	Date Sept	ember 14.	1777		
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		TD11080636 A	to Canor	Inc., Publicati	on Date March	26, 1999				
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(nitials		Date			106	31.6		proprop	Hate
Cil	5,895,522	4/99	Belmont et		106 8	550			
	5,900,029	5/99	Belmont et		359	296			
	5,914,806	6/99 7/99	Gordon II e Johnson et		106	31.6			
	5,922,118	10/99		ш	106	401			
	5,964,935 5,968,243	10/99		al.	106	31.6	5		
+	6,042,643	3/00	Belmont et		106	472			
	6,068,688	5/00	Whitehous	e et al.	106	31.6	55		
	6,103,380	8/00	Devonport		428	403			
	6,221,143	4/01	Palumbo		106	31.6	}		
								_	
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FORE	IGN PATENTS, DOC	UMENT	S, OR PUBLIS	HED FORE	IGN PATE	NT APPI	LICATIONS		-1-4:-
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CA	Document Num WO00/05313 WO00/22051 VWO00/43446 WO00/52102 VWO00/68321 WO01/25340 OTHER DOCUM	ENTS (Into Tokai	Publication Date 2/00 4/00 7/00 10/00 11/00 4/01 ncluding Autho Carbon Co. Ltd	PCT V PCT V PCT V PCT PCT V	ce	Class	Subclass 3/10 1/56 9/06 67/00 3/10 67/20	Tra	No X
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